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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/783,779

02/20/2004

Yu Gong

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42425

7590

10/16/2008

HICKMAN PALERMO TRUONG & BECKER/ORACLE

2055 GATEWAY PLACE

SUITE 550

SAN JOSE, CA 95110-1083

EXAMINER

HARPER, LEON JONATHAN

ART UNIT

PAPER NUMBER

2166

MAIL DATE

DELIVERY MODE

10/16/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/783,779	Applicant(s) GONG, YU	
	Examiner Leon J. Harper	Art Unit 2166	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 July 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 100-115 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 100-115 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 7/21/2008 has been entered. Claims 78-99 have been cancelled. Claims 100-115 have been added. Accordingly, claims 100-115 are pending in this office action.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 100-115 rejected under 35 U.S.C. 102(e) as being anticipated by US (20040034615 Thomson).

As for claim 100 Thomson discloses: a source ETL application receiving, from a user, input that selects one or more database objects to be transported from a source database to a target database (See paragraph 0021); wherein said source database system includes source database metadata that describes database objects of said

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source database (See paragraph 0057); wherein said source ETL application includes source ETL metadata, separate from said source database metadata, that describes database objects of said source database (See paragraph 0063); said source ETL application causing generation of a module comprising metadata that describes said one or more of database objects (See paragraph 0095); a target ETL application reading said module; wherein said target database system includes target database metadata that describes database objects of said target database; wherein said target ETL application includes target ETL metadata (See paragraph 0043-0050), separate from said target database metadata, that describes said database objects of said target database; wherein said reading said module causes said target ETL application to perform loading said database objects within said target database; wherein said loading includes: modifying said target ETL metadata to describe said one or more database objects; modifying said target database metadata to describe said one or more database objects; incorporate within said target database a tablespace holding data for at least one of said one or more database objects (See paragraphs 0036, 0050, 0054).

As for claim 101 the rejection of claim 100 is incorporated and further Thomson discloses: in response to a failure occurring during the loading of said database objects within said target database, rolling back all changes made during the loading of the database objects to the target database (See paragraph 0066).

As for claim 102 the rejection of claim 100 is incorporated and further Thomson discloses: wherein the selected one or more database objects to be transported from a source database to a target database includes a database object that has metadata stored outside of the source database (See paragraphs 0151-0153).

As for claim 103 the rejection of claim 100 is incorporated and further Thomson discloses: wherein generation of a module includes analyzing the source database metadata for dependencies (See paragraph 0009).

As for claim 104 the rejection of claim 100 is incorporated and further Thomson discloses: wherein analyzing the source database metadata for dependencies includes ensuring proper order of loading of the source database metadata into the target database (See paragraph 0046, 0107).

As for claim 105 the rejection of claim 100 is incorporated and further Thomson discloses: storing said module in one or more files in a source file system (See paragraph 0046).

As for claim 106 the rejection of claim 105 is incorporated and further Thomson discloses: said target ETL application performing the steps of: reading a specification containing information for how to move modules from said source file system to a target file system; and wherein said information comprises a network protocol and the location

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in the source file system of said one or more files; and accessing said one or more files in a source file system based on said information (See paragraphs 0006).

As for claim 107 the rejection of claim 106 is incorporated and further Thomson discloses: wherein the network protocol is one of FTP, HTTP, HTTPS, or rsync (See paragraphs 0006, 0037, figure 2).

Claims 108-115 are method claims corresponding to the method of claims 100,103-107, 101-102 and are thus rejected for the same reasons as set forth in the rejection of claims 100,103-107, 101-102.

Response to Arguments

Applicant's arguments filed 7/21/2008 have been fully considered but they are not persuasive.

Applicant argues:

There is no mention anywhere of a source ETL application that exports its own metadata associated with database objects in the source database and a target ETL application that modifies its metadata based on the extracted source ETL application metadata. Even more, there is no mention anywhere that in conjunction with exporting its metadata to a target ETL application, that the ETL application exports metadata from a source database to a target database. As there is no suggestion in either Bridge or Thom regarding an ETL application with these features, no combination of Bridge and Thom would provide an ETL application with these features.

Examiner responds:

Examiner is not persuaded. Examiner is entitled to give claim limitations their broadest reasonable interpretation in light of the specification. Interpretation of Claims- Broadest Reasonable Interpretation: During patent examination, the pending claims must be 'given the broadest reasonable interpretation consistent with the specification.' Applicant always has the opportunity to amend the claims during prosecution and broad interpretation by the examiner reduces the possibility that the claim, once issued, will be interpreted more broadly than is justified. In re Prater, 162 USPQ 541,550-51 (CCPA 1969). Thomson discloses retrieving target source metadata through an access cube (See paragraph 0095).

Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Leon J. Harper whose telephone number is 571-272-0759. The examiner can normally be reached on 7:30AM - 4:00Pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain T. Alam can be reached on 571-272-3978. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

LJH
Leon J. Harper
October 12, 2008

/Hosain T Alam/
Supervisory Patent Examiner, Art Unit 2166